



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/675,509

09/30/2003

John Y. Chen

55

6339

7590 04/03/2007
Attn: John Y. Chen
Applied Elastomerics, Inc.
163 West Harris Avenue
South San Francisco, CA 94080

EXAMINER

LILLING, HERBERT J

ART UNIT

PAPER NUMBER

1657

MAIL DATE

DELIVERY MODE

04/03/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

Response to Rule 312 Communication	Application No.	Applicant(s)	
	10/675,509	CHEN, JOHN Y.	
	Examiner	Art Unit	
	HERBERT J. LILLING	1657	

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

1. ☒ The amendment filed on 12 March 2007 under 37 CFR 1.312 has been considered, and has been:

a) ☐ entered.

b) ☒ entered as directed to matters of form not affecting the scope of the invention.

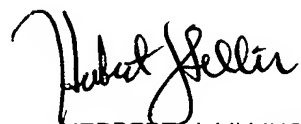
c) ☐ disapproved because the amendment was filed after the payment of the issue fee.

Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

d) ☐ disapproved. See explanation below.

e) ☐ entered in part. See explanation below.

The amendments to the specification and the Drawing substitutions have been approved.



HERBERT J. LILLING
Primary Examiner
Art Unit: 1657



Fig. 1a



Fig. 1b

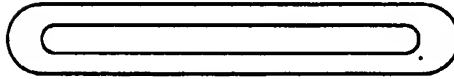


Fig. 1d

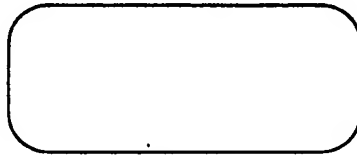


Fig. 1f

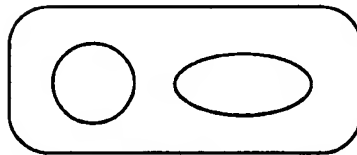


Fig. 1g



Fig. 1i

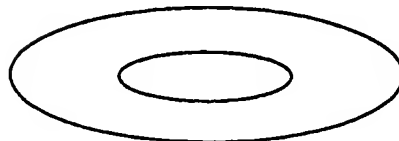


Fig. 1k

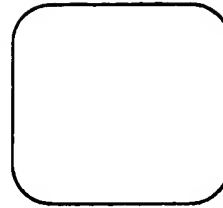


Fig. 1c

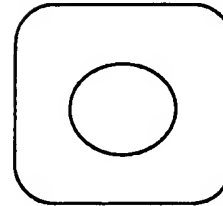


Fig. 1e

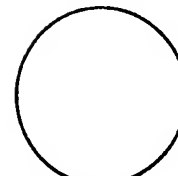


Fig. 1h

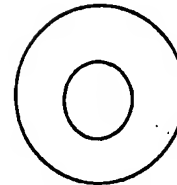


Fig. 1j

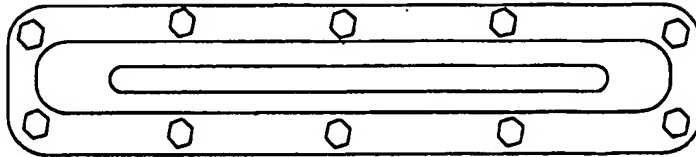


Fig. 2a

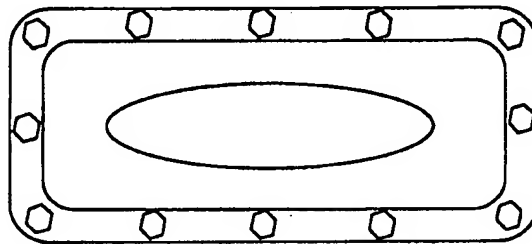


Fig. 2b

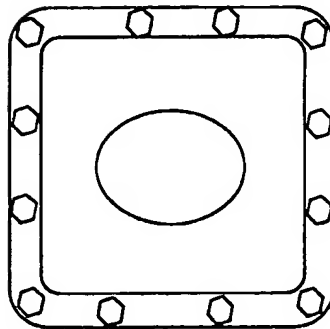


Fig. 2c

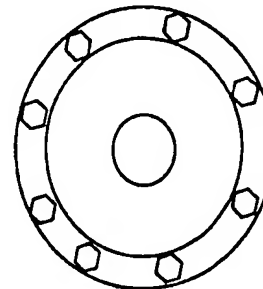


Fig. 2d

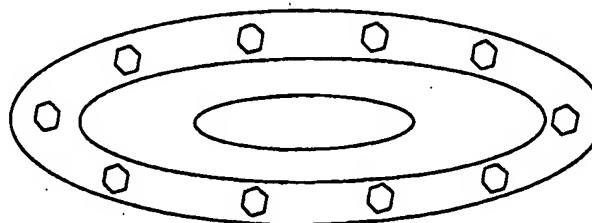


Fig. 2e

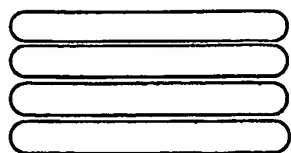


Fig. 3a

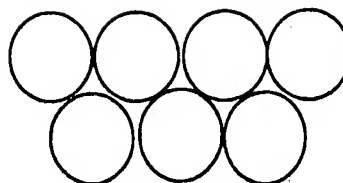


Fig. 3b

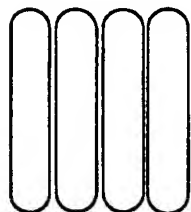


Fig. 3c

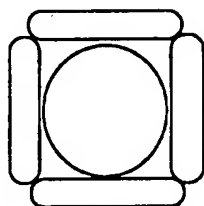


Fig. 3d

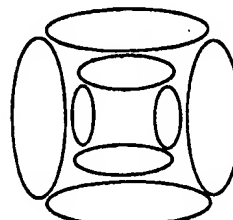


Fig. 3e

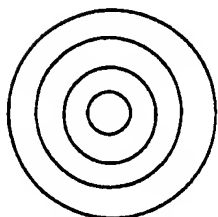


Fig. 3f

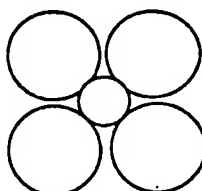


Fig. 3g

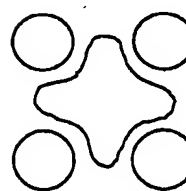


Fig. 3h

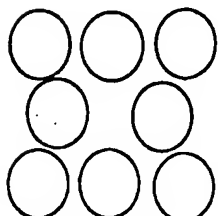


Fig. 3i

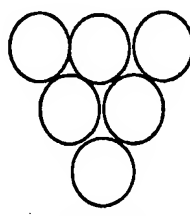


Fig. 3j

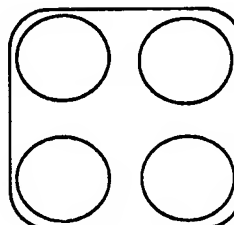


Fig. 3k

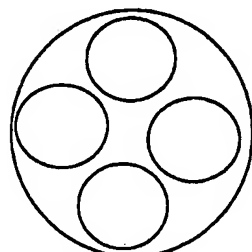


Fig. 3l

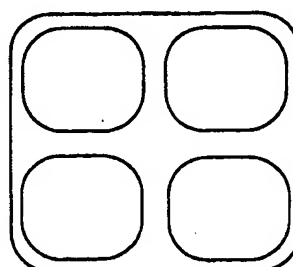


Fig. 3m

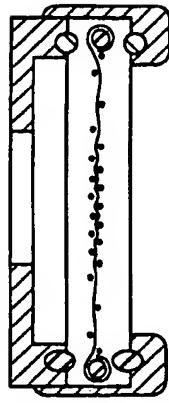


Fig. 3n

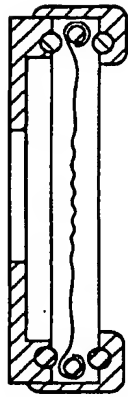


Fig. 3o



Fig. 3p

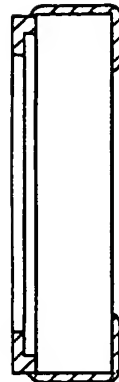


Fig. 4a

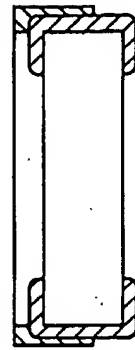


Fig. 4b



Fig. 4c

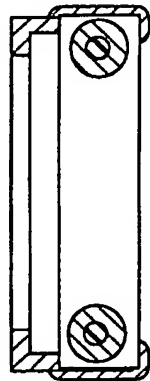


Fig. 4d



Fig. 4e



Fig. 4f

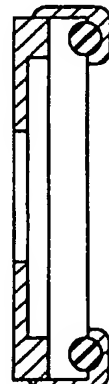


Fig. 4g

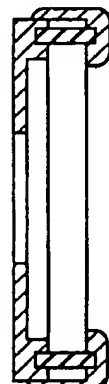


Fig. 4h

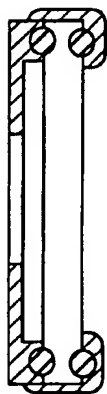


Fig. 4i

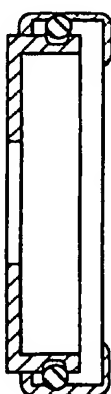


Fig. 4j

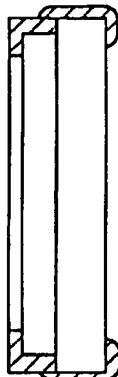


Fig. 4k

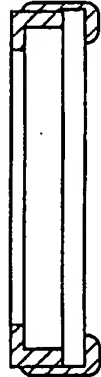


Fig. 4l

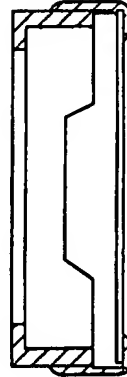


Fig. 4m

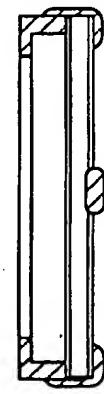


Fig. 4n

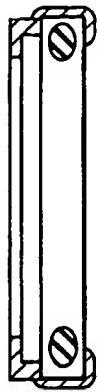


Fig. 4o



Fig. 4p



Fig. 4q



Fig. 4r

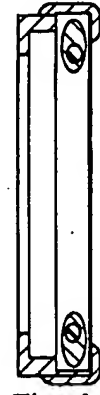


Fig. 4s



Fig. 4t



Fig. 4u

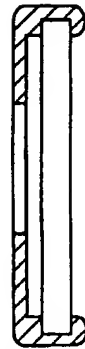


Fig. 4v

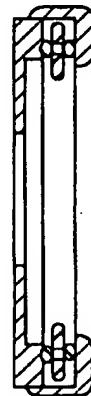


Fig. 4w



Fig. 4x

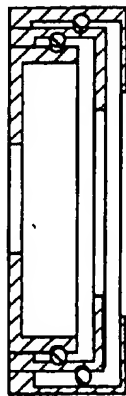


Fig. 4y

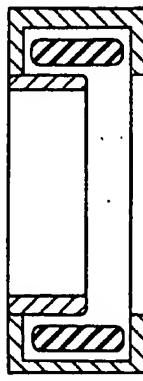


Fig. 4z

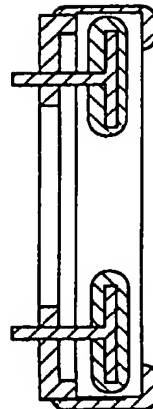


Fig. 5a



Fig. 5b



Fig. 5c



Fig. 5d



Fig. 5e



Fig. 5f



Fig. 5g



Fig. 5h



Fig. 5i



Fig. 5j



Fig. 5k



Fig. 5l

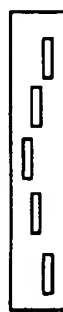


Fig. 5m



Fig. 5n



Fig. 5o



Fig. 5p



Fig. 5q



Fig. 5r

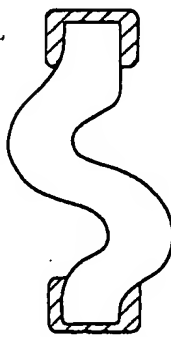


Fig. 5s



Fig. 5t



Fig. 5u



Fig. 5u



Fig. 5v



Fig. 5w



Fig. 6a

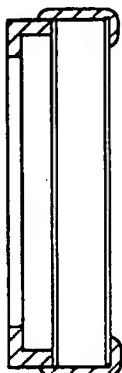


Fig. 6b



Fig. 6d



Fig. 6e

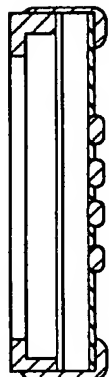


Fig. 6f

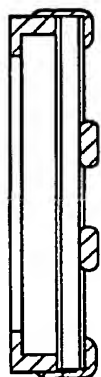


Fig. 6g

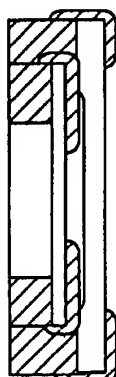


Fig. 6h

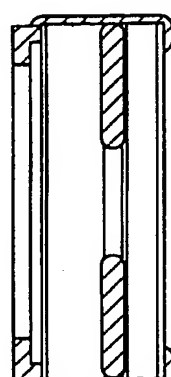


Fig. 6i

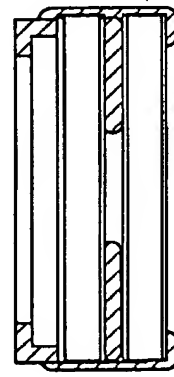


Fig. 6j

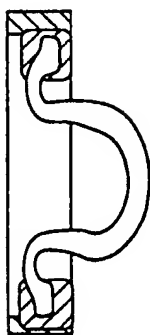


Fig. 6k



Fig. 6l

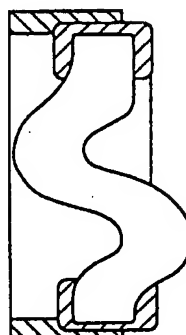


Fig. 6m

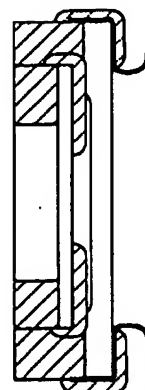
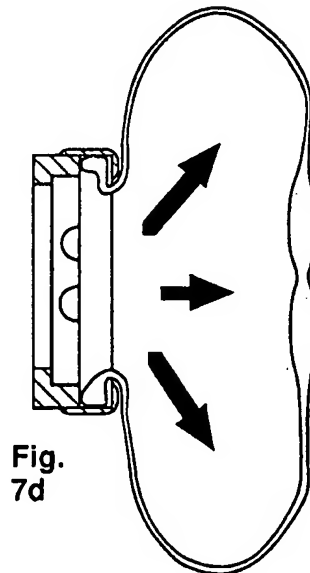
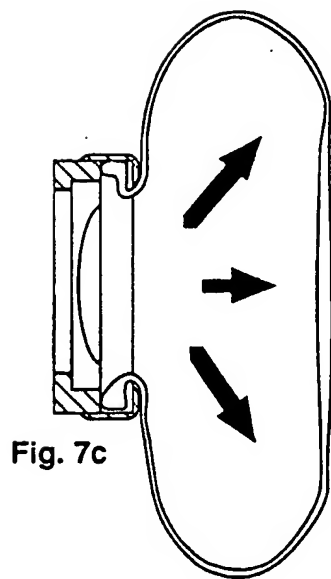
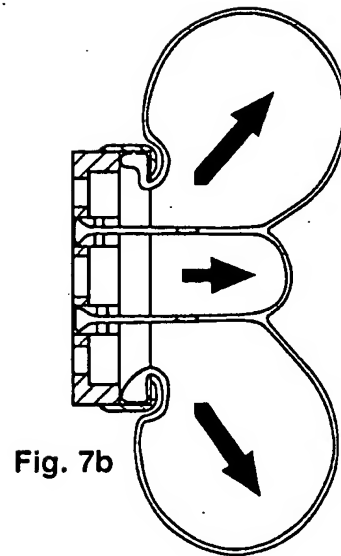
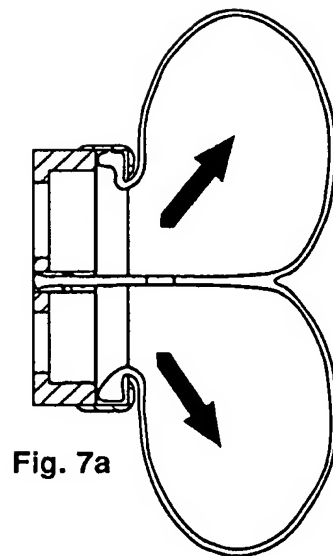


Fig. 6n



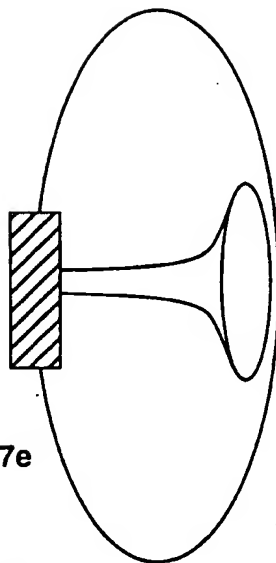


Fig. 7e

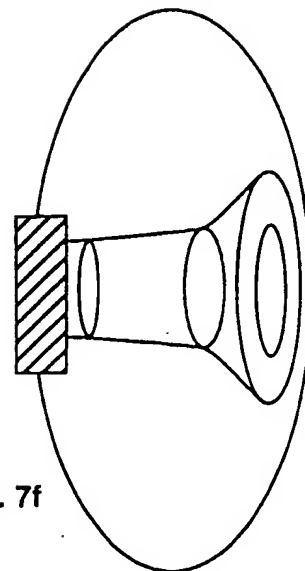


Fig. 7f

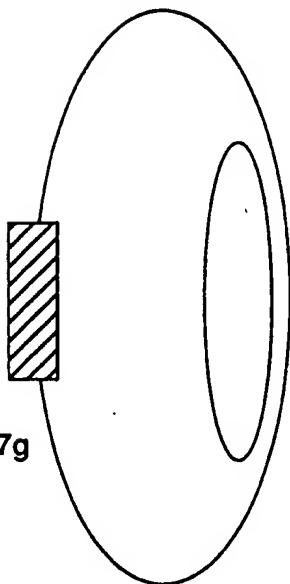


Fig. 7g

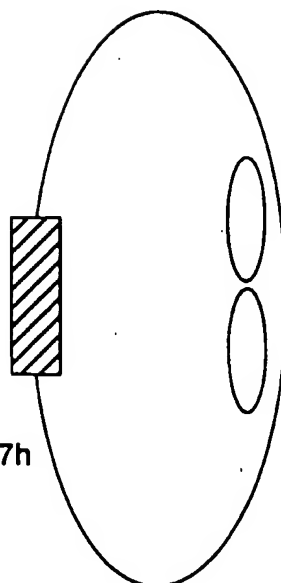
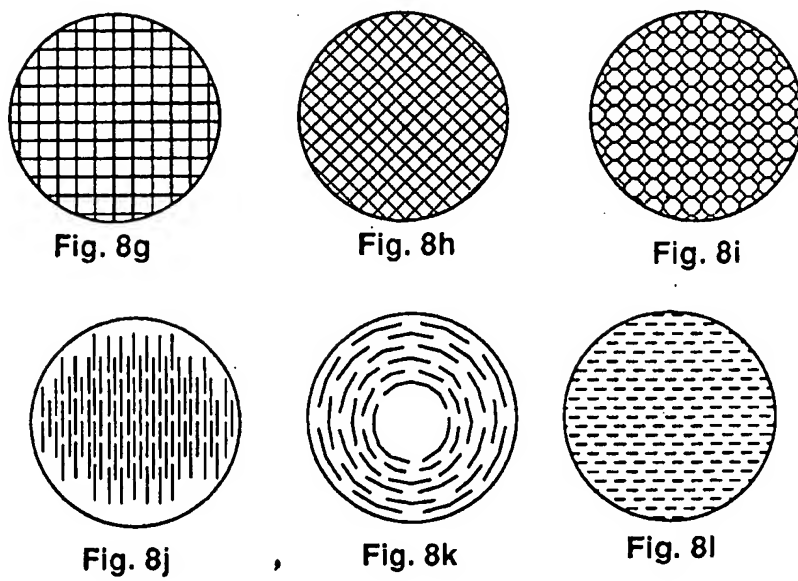
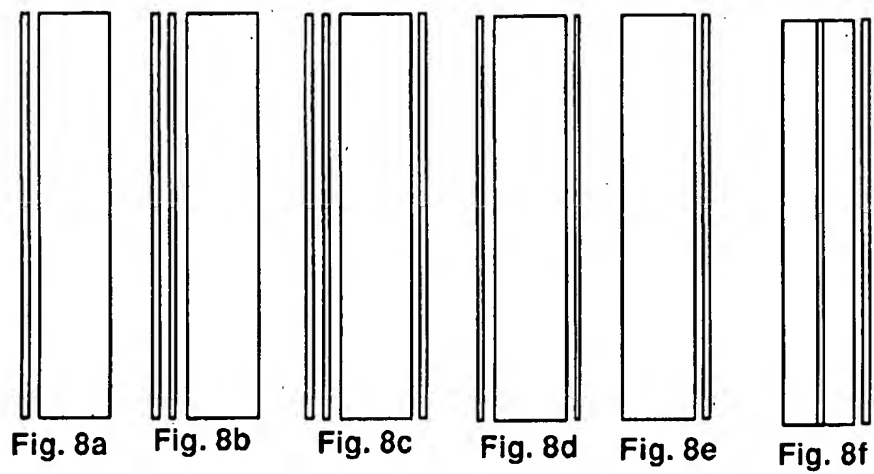


Fig. 7h



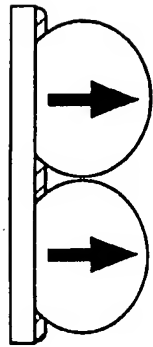


Fig. 9a

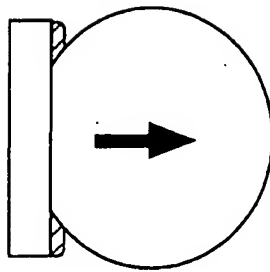


Fig. 9b

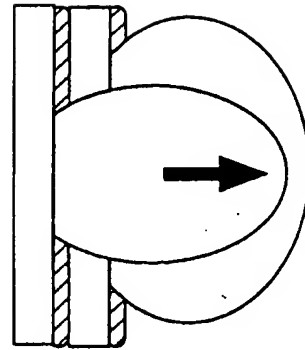


Fig. 9c

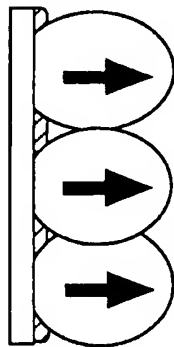


Fig. 9d

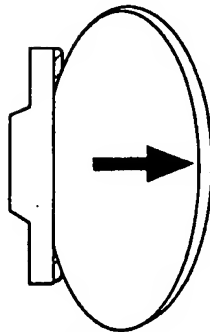


Fig. 9e

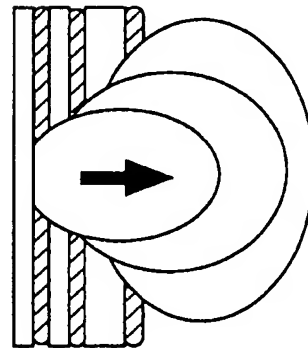


Fig. 9f

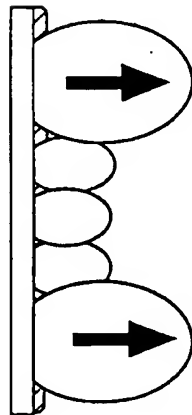


Fig. 9g

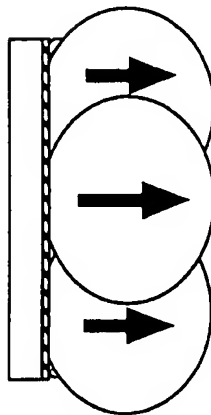


Fig. 9h

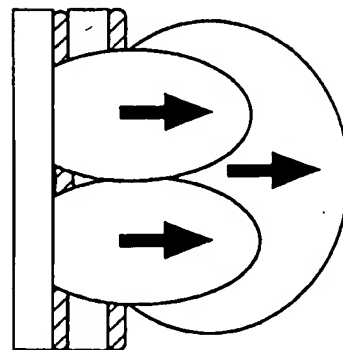
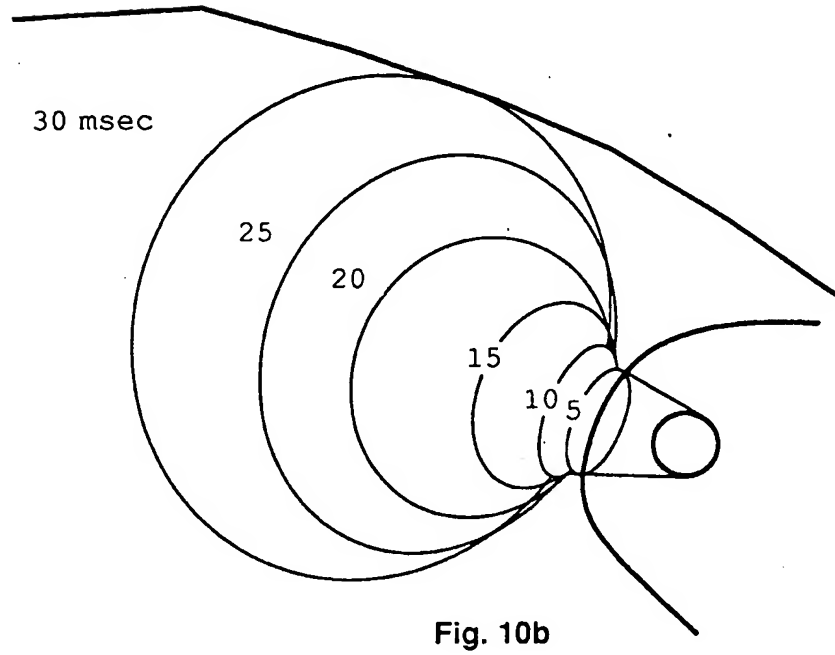
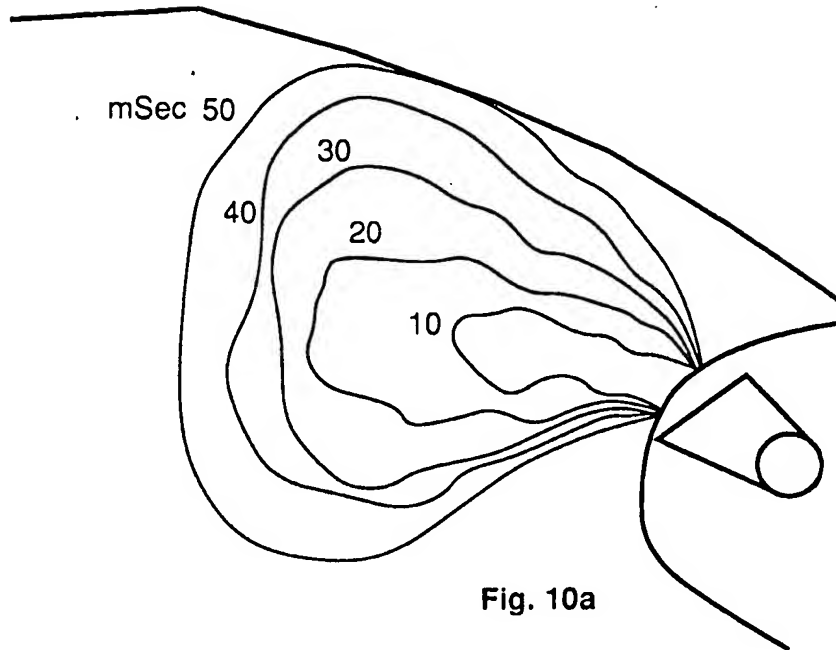


Fig. 9i



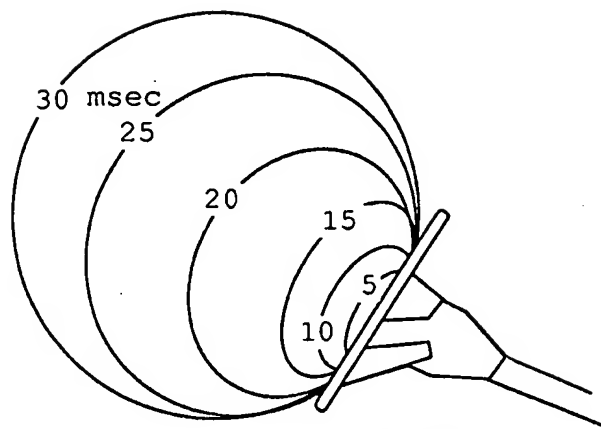


Fig. 10c

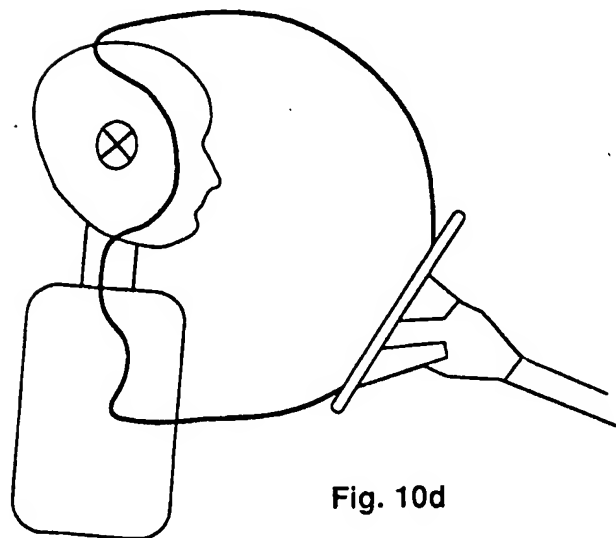


Fig. 10d

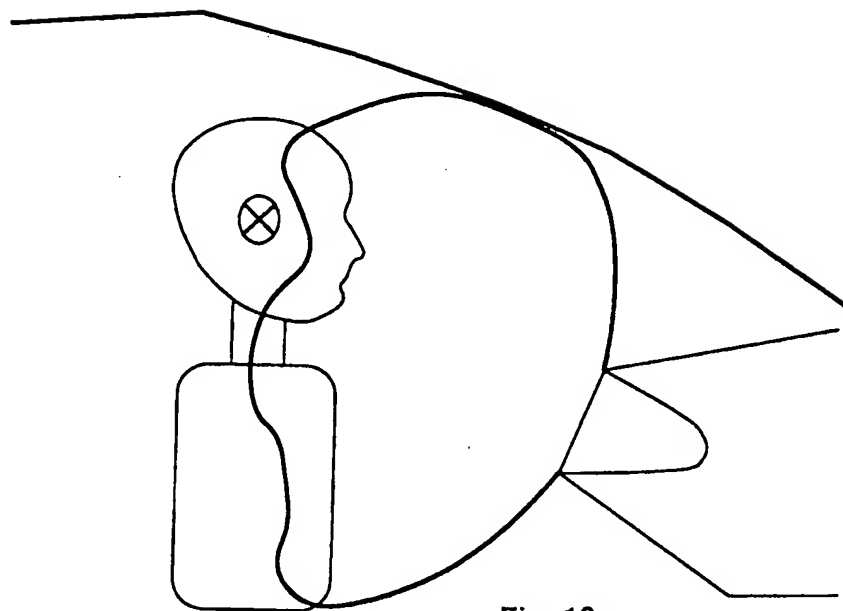
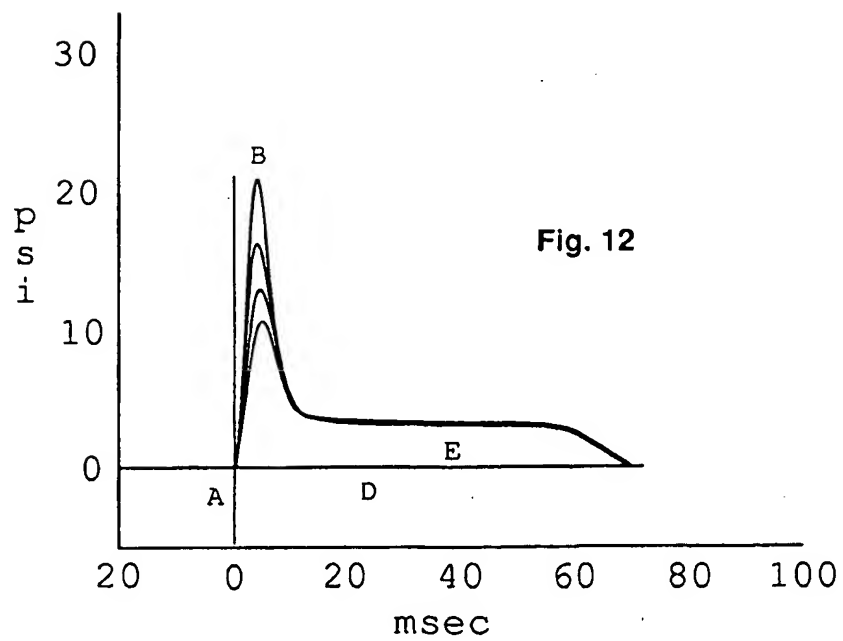
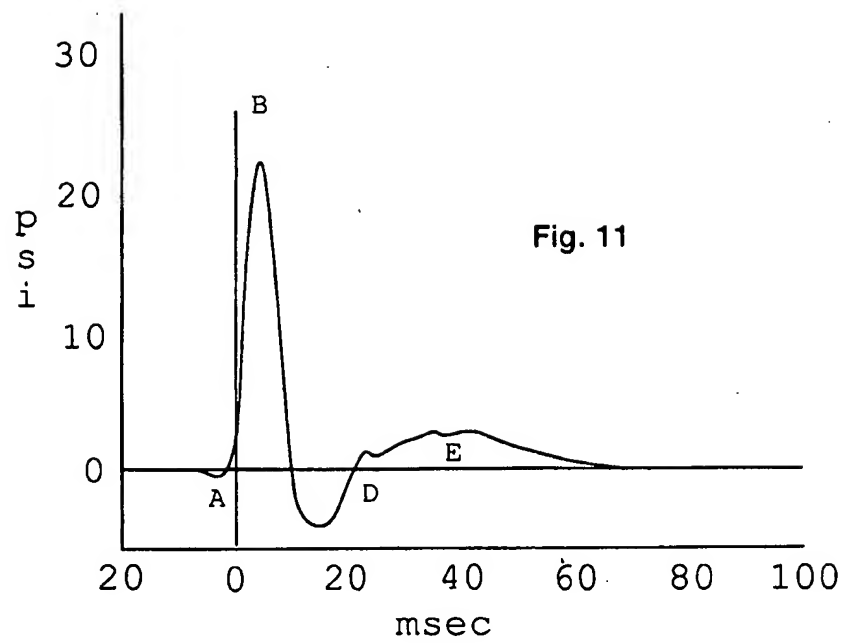
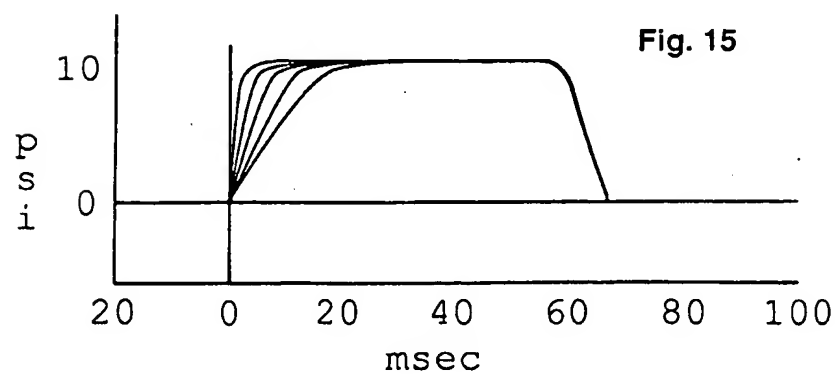
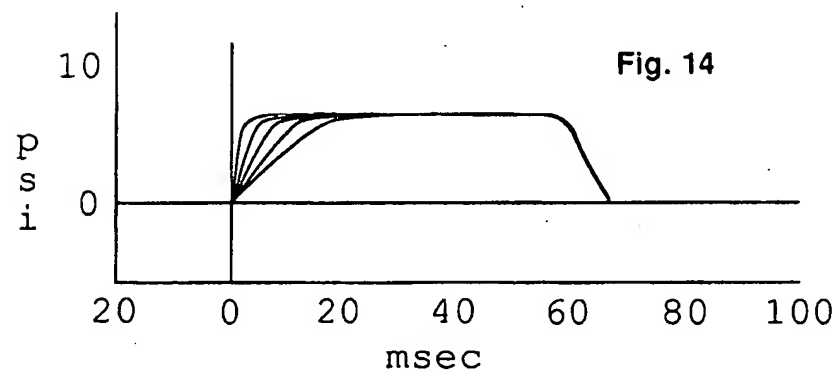
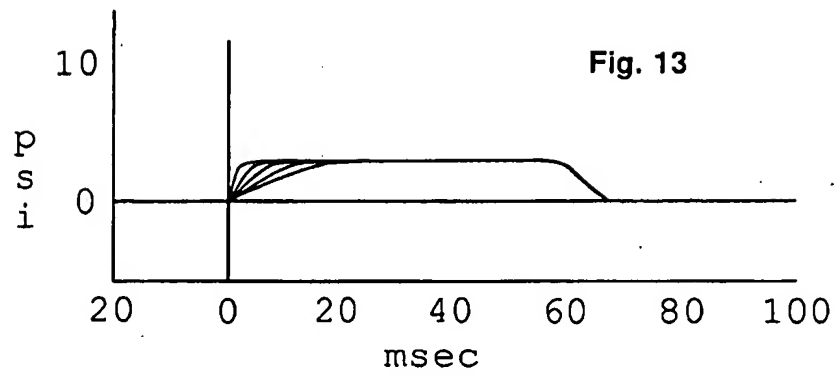


Fig. 10e





M1	Fabric or Cloth
G	Gel
GM	Gel-Sponge or Gel-Foam
M2	Foam or Sponge
M3	Synthetic Resin or Plastic
M4	Fibre
M5	Concrete
M6	Metal or Metal Sponge
M7	Wood
M8	Wire or Screening
M9	Refractory Material
M10	Other Material

Figure 16

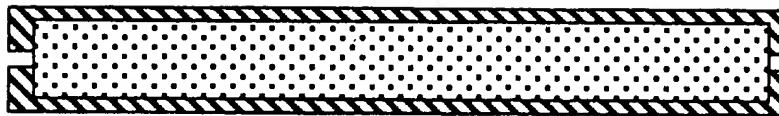


Figure 17a

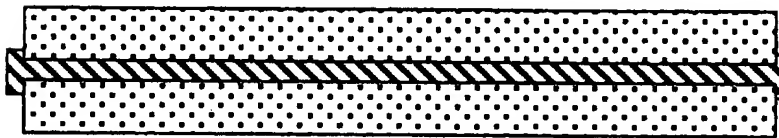


Figure 17b

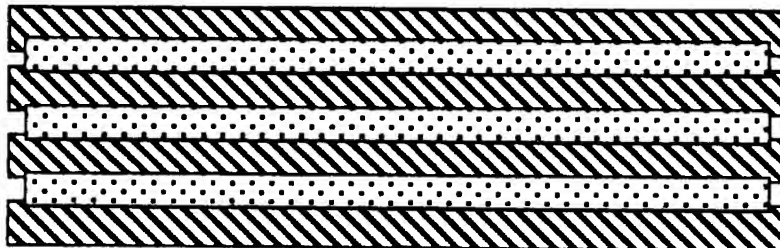


Figure 17c

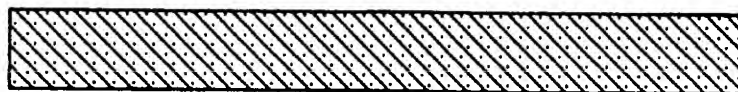


Figure 17d

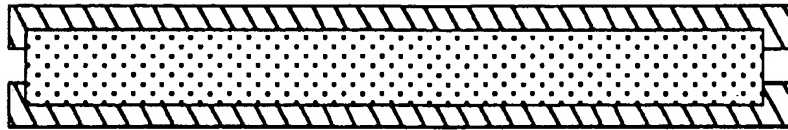


Figure 18

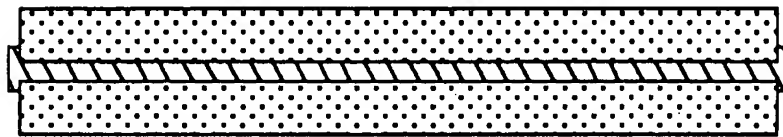


Figure 19

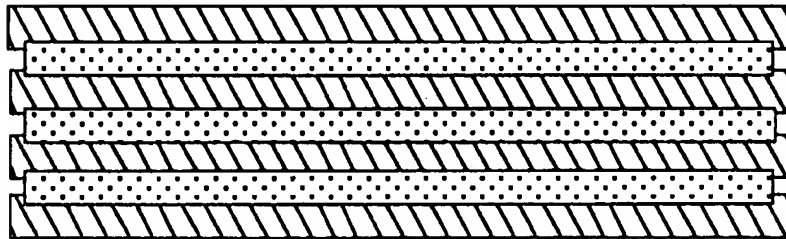


Figure 20



Figure 21

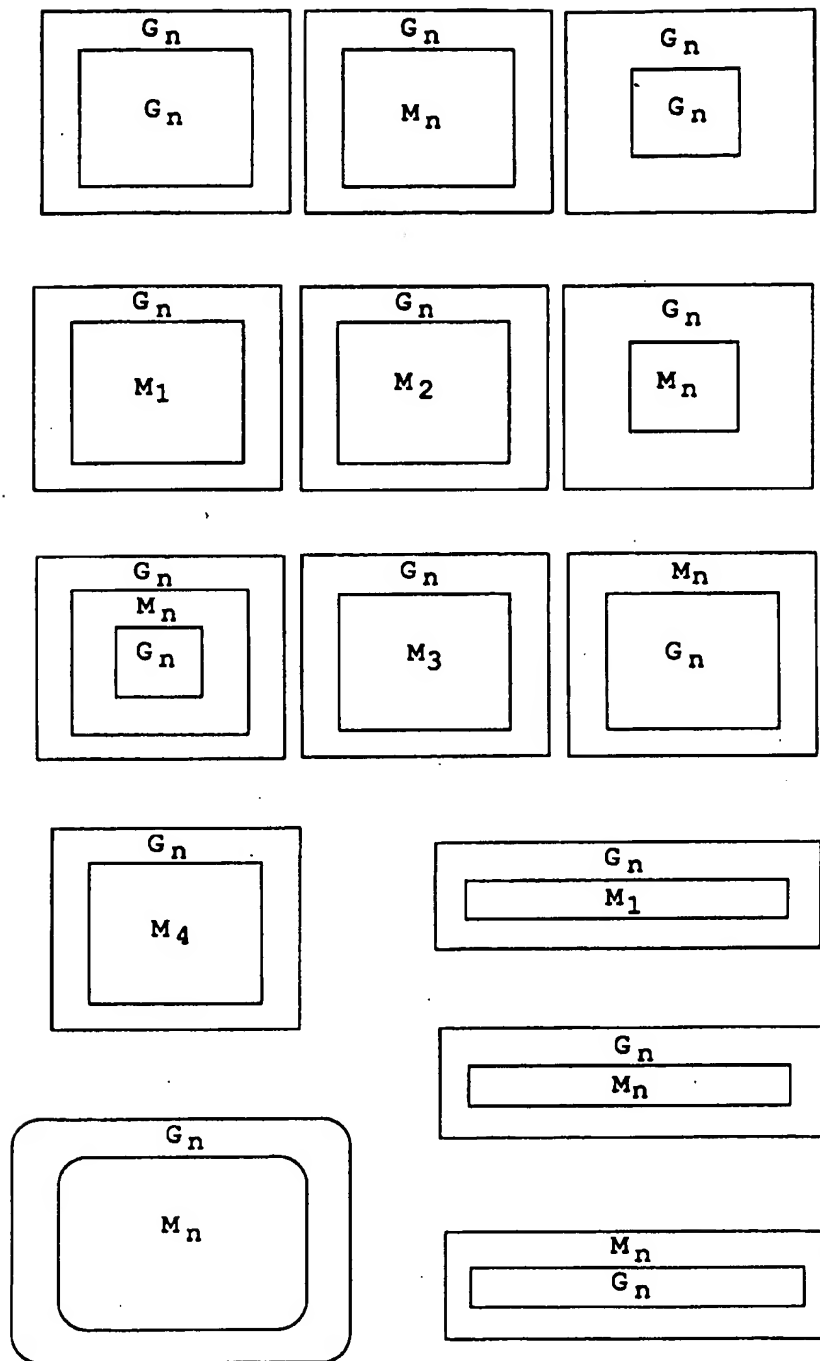


Figure 22

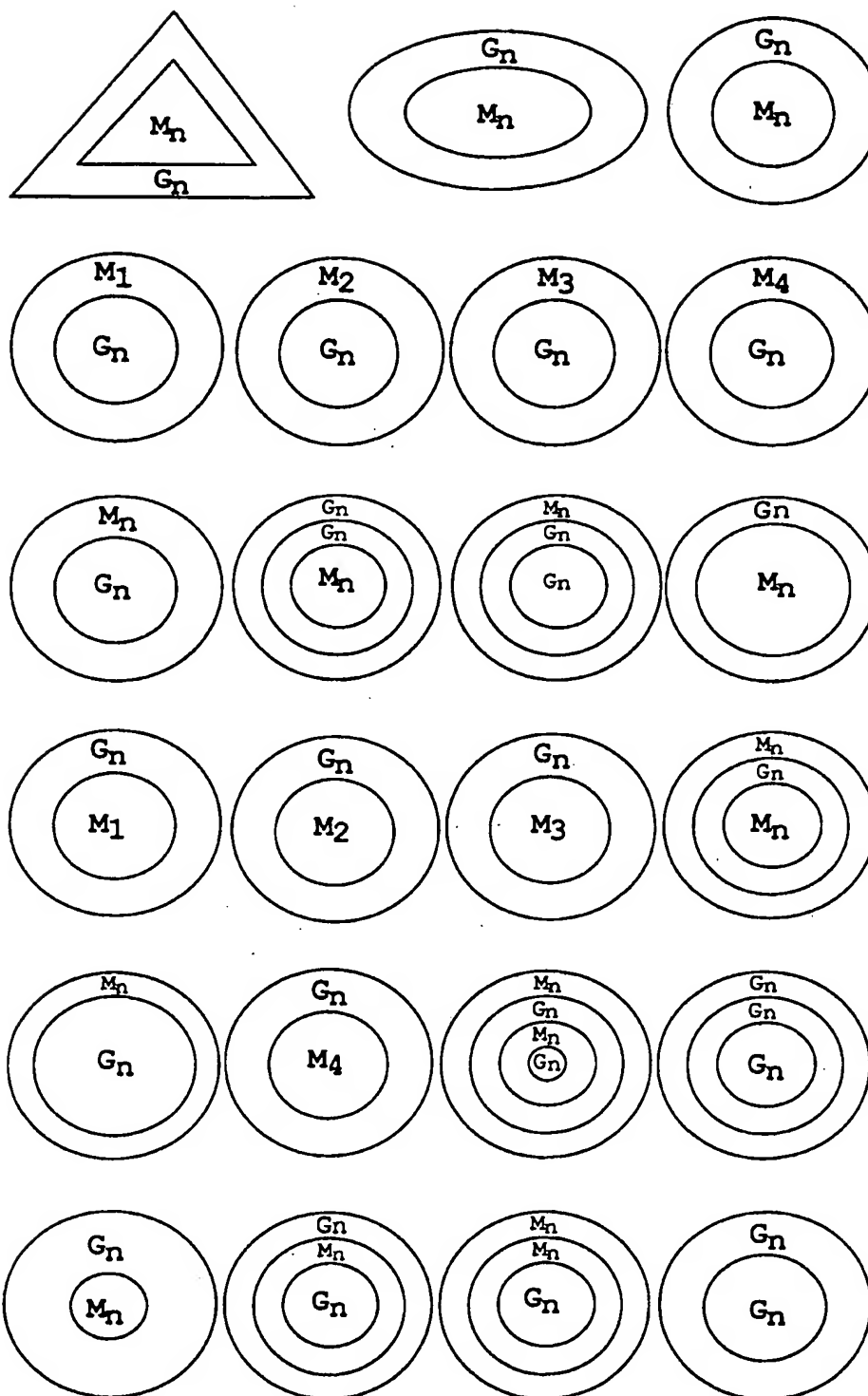


Figure 23